

Docket No.: 8733.088.00-US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kyoung S. Kim

Application No.: 09/394,379

Confirmation No.: 4146

Filed: September 10, 1999

Art Unit: 2871

For:

LIQUID CRYSTAL DISPLAY DEVICE

WITH BLACK FILM, ETC.

Examiner: M. Qi

Customer No.: 30827

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of a Final Office Action or Notice of Allowance, whichever occurred first, but on or before payment of the Issue Fee (37 CFR 1.97(d)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.

I hereby certify that each item of information contained in this Information

Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

A copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0911, under Order No. 8733.088.00-US. A duplicate copy of this paper is enclosed.

Dated: December 22, 2003

Respectfully submitted,

Song K. Jung

Registration No.: 35,210

MCKENNA LONG & ALDRIDGE LLP

1900 K Street, N.W. Washington, DC 20006

washington, DC 20000

(202) 496-7500

Attorney for Applicant

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Attorney for Applicant



PTO/SB/08a/b (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Kn wn Substitute for form 1449A/B/PTO 09/394,379-Conf. #4146 Application Number INFORMATION DISCLOSURE September 10, 1999 Filing Date STATEMENT BY APPLICANT First Named Inventor Kyoung S. Kim 2871 Art Unit (Use as many sheets as necessary) Examiner Name Zhi Qiang Qi Sheet of Attorney Docket Number 8733.088.00-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,		
	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
		JP5264955	10/15/1993	Ito Osamu et al.			
		JP63287821	11/24/1988	Izawa Hideo			
					. <u> </u>		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner		Date	
Signature		Considered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

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Application Number	09/394,379-Conf. #4146			
Filing Date	September 10, 1999			
First Named Inventor	Kyoung S. Kim			
Art Unit	2871			
Examiner Name	Zhi Qiang Qi			
Attorney Docket Number	8733.088.00-US			

ENCLOSURES (Check all that apply)							
X Fee Transi	mittal Form	Drawing(s)	After Allowance Communication to Group				
X Fee	Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences				
Amendmer	nt/Reply	Petition	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After	Final	Petition to Convert to a Provisional Application	Proprietary Information				
Affida	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter				
Extension	of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please identify below):				
Express At	pandonment Request	Request for Refund	PTO/SB/08a/b				
x Information	Disclosure Statement	CD, Number of CD(s)					
Certified Co	opy of Priority s)						
	to Missing Parts/ Application	Remarks					
	onse to Missing Parts						
unde	r 37 CFR 1.52 or 1.53						
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm or Individual name	MCKENNA LONG & ALDRIDGE LLP Song K. Jung						
Signature							
Date	December 22, 2003						

1



PTO/SB/17 (10-03)

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FÉÉ TRANSMITT	AL
for FY 2004	

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Signature

Complete if Known				
Application Number	09/394,379-Conf. #4146			
Filing Date	September 10, 1999			
First Named Inventor	Kyoung S. Kim			
Examiner Name	M. Qi			
Art Unit	2871			
Attorney Docket No.	8733.088.00-US			

Date

December 22, 2003

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
X Check Credit Money Other None 3. ADDITIONAL FEES						
Caro Code C						
Deposit Account:	Large	Entity	Small	Entity		
Account Number 50-0911	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit	1051	130	2051	65	Surcharge – late filing fee or oath	
Account Name McKenna Long & Aldridge LLP					Surcharge – late provisional filing fee or cover	
The Director is authorized to: (check all that apply)	1052	50	2052	25	sheet.	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification	
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
* SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive – unavoidable	
30B101AL(1) (3) 0.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	6 65	Utility issue fee (or reissue)	
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims -20** = x = x	1503	640	2503	320	Plant issue fee	
Independent -3** = x =	1460	130	1460	130	Petitions to the Commissioner	
Claims	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per	100.00
Code (\$) Code (\$) Fee Bescription	1809	770	2809	385	property (times number of properties) Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be	ļ
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	examined (37CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application	
and over original patent	Other	ee (spec	cify)			
SUBTOTAL (2) (\$) 298.00 **or number previously paid, if greater, For Reissues, see above	*Redu	ced by E	Basic Fi	ling Fee	Paid SUBTOTAL (3) (\$)	180.00
SUBMITTED BY					(Complete (if applicable))	
Name (Print/Type) Song K. Jung	Registr	ation No	. 25	240		
Traine (France Type) Suring N. Juring		y/Agent)		,210	Telephone (202) 496-7413	